

Project Proposal

Proposal Title: Bulldog canyon vegetation restoration reseeding phase 1

Proposal Number: 1416

DWR Region: Southeastern Region

Lead Agency: DWR

County: San Juan

Project Manager: Mark Ewell

PM Phone: 4356370041

Regional Priority: High

Project Type: Terrestrial Habitat

Proposed Start Date: 10/1/2009

Project Location: Approximately 7 miles north east of Blanding

Project Description: To disk, reseed by drill, and spray plateau on approximately 226 acres dominated by sagebrush and cheatgrass. And spray plateau on 43 acres previously seeded using discretionary seed.

Description of Problem/Need: This project is needed to reduce cheatgrass established in the area, and increase plant diversity in areas where sagebrush and cheatgrass are dominant.

Objectives: To improve and increase plant ecological diversity in a past dry farm area that has been become dominant by sagebrush and annual weeds. The landowner will disc the area in the spring of 2009, with an estimated cost of \$5,900 in time, and equipment costs. The area will then be drill seeded with a mix of grasses and forbs in the fall, and followed up by spraying plateau to prevent the establishment of cheatgrass. Shrub seedlings of bitterbrush and mahogany species will also be planted by hand along the project borders and around established tree stands within the area.

Relevance to Strategic Plans: This area is partially shrubsteppe and it is a key habitat area in the Utah Comprehensive Wildlife Conservation Strategy (CWCS). Mule deer use this area. It is crucial summer habitat for mule deer.

Potential Risks: None

Proposed Methods: To disk, reseed by drill, and spray plateau on approximately 226 acres dominated by sagebrush and cheatgrass. And also spray plateau on 43 acres previously seeded using discretionary seed.

Shapefile Name: HPD 2010\GIS Shape Files - Proposals\SER\1416.shp

Seed Source:

UPCD Reg Team Coord Date:

Proposed NEPA Action:

Proposed Arch Action:

☒ **Vegetation Monitoring** ☒ **Wildlife Monitoring**

Monitoring Information: A range trend study will be established, and photo points as well

Grazing Management: The area will be rested for two years from grazing after the project

SPECIES BENEFITING

Elk	Merriam's Wild Turkey	Mule Deer	Black Bear
-----	-----------------------	-----------	------------

LAND OWNERSHIP

Owner	Acres
Private	269
Total	269

Project Proposal

PROPOSED FUNDING

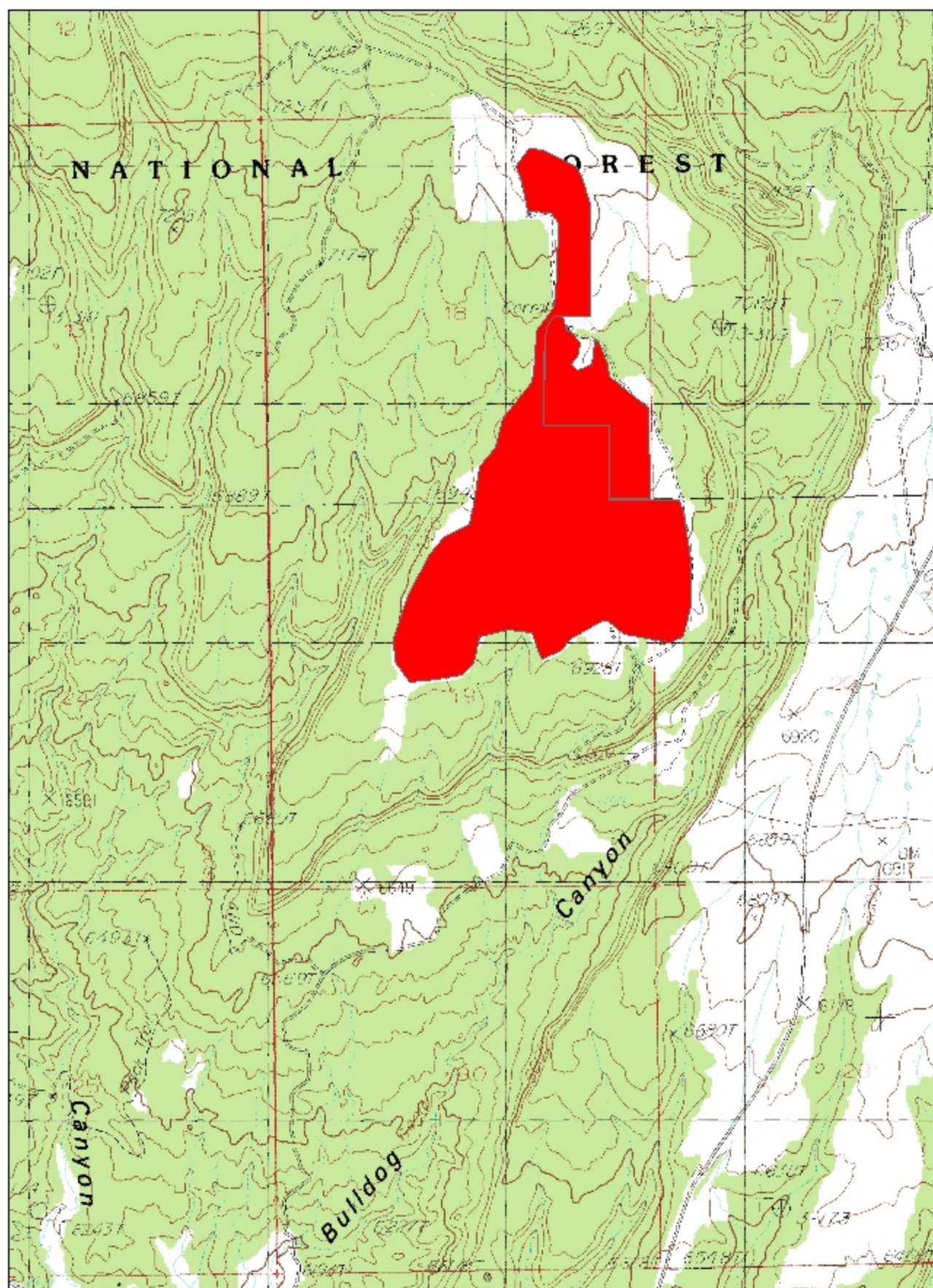
Source	Amount Requested	Date Approved	Amount Approved
Private	\$5,900.00		\$0.00
Private	\$5,650.00		\$0.00
Unfunded Balance	\$38,782.00		\$0.00
Totals	\$50,332.00		\$0.00

PROPOSED BUDGET

Item	Description	DWR Account	Partner Contrib.
Personal Services	Personal labor, equipment use and fuel	\$0.00	\$5,900.00
Personal Services	Personal labor and equipment use	\$0.00	\$5,650.00
Seed (GBRC)		\$18,080.00	\$0.00
Archaeological Survey		\$7,232.00	\$0.00
Materials and Supplies	Herbicide and diesel for equipment, shrub seedlings	\$5,400.00	\$0.00
Contractual Services	For Pilot and plant to fly on herbicide	\$8,070.00	\$0.00
	Totals	\$38,782.00	\$11,550.00


Project Map:

Bulldog canyon seeding



0.4 0.2 0 0.4 Miles

Legend

 Bulldog project area